

John L. ...
...
... 24 to 31, 1707.

V.

Memorandum Book

(Saw *Aster subvirgatus* at
Manila March 24, 1907.)

March 24, 1907

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✓ Mansalay, east Mindoro.

Sunday March 24, 1907.

Left Manila at 4 P. M.
on S. Mindanao. Arrived
at Naujan (San Jose),
Mindoro at daybreak.
Landed at 8 ^{March 25} A.M. and
hiked to Lake Naujan. In
Manila Bay were hundreds
of *Larus* ~~recurvirostris~~ *recurvirostris*. Around
Corregidor I. many *Sterna*
bagin boreotis.

March 25, 1907. - At
Naujan (the largest town
of Mindoro) we took trail
to the big lagoon at 9 a.m.
and reached the stream at
millet at 11 A.M., walking.

Birds seen. -

- ✓ *Corvus philippinus*. - Many
- ✓ *Corvus* ~~*philippinus*~~ *philippinus*. - Two.
- ✓ *Merops americanus*. - Abund.
- ✓ *Artamus leucogaster*. - "

- ✓ *Elanus hypoleucus*. - One
 ✓ *Haliastur intermedius*. - Abundant
 ✓ *Megascops palustris*. - "
 ✓ *Leucicola exilis*. - "
 ✓ *Pycnonotus goramensis*. - "
 ✓ *Sole mindorensis*. - "
 ✓ *Sarcops calurus*. - "
 ✓ *Oriolus chinensis*. - "
 ✓ *Collocalia (marginata?)*. - "
 ✓ *Myzomachus*. - Several.
 ✓ *Loriculus mindorensis*. - "
 ✓ *Eurystomus orientalis*. - "
 ✓ *Excoelatoria lineata*. - Flock.
 ✓ *Halcyon chloris*. - Common.
 ✓ *Cypothodius granatensis*. - One
 ✓ *Manula St. Blue Heron*. - One
 ✓ *Munia pagori*. - Flock.
 ✓ *Glaucoprocax panayensis*. - Com.
 ✓ *Zonophaps poliocephala*.
 ✓ *Chalcophaps indica*
 ✓ *Actitis hypoleucos*
 ✓ *Bubulcus coromandus*
 ✓ *Centropus viridis*
 ✓ *Budytes leucostriatus*

(March 25.)

About noon we started up the Nanjan River for Laguna de Nanjan. The afternoon was spent on the Nanjan River and Lake Nanjan. The only mammals seen were: -

- ✓ *Sus*
 ✓ *Cynomolgus* _____ - These
 ✓ Monkeys were abundant and
 ✓ seemed to be feeding on the new
 ✓ leaves of the Bamboo.

A very large Iguano with prominent furcels was shot in the top of a tall bamboo. At the first shot it hung by its fore legs. A second shot brought it to the ground where a native seized it by the tail, at which the Iguano came to life and escaped through bamboo and grass into the Nanjan River.

A coarse floating grass with shoots 40 feet long lined the river shore in places. Feeding

upon the aquatic grass were myriads of fresh-water shells, some of them quite large.

The lake is about the size of Lake Buluan, Mindanao. It is bordered by lotus, which was the only water lily I saw. The shallows are densely grown with Eel-grass (*Vallisneria*), which has the pistillate flowers lowered by a spiral twisting of the flower stem. I saw many fruiting plants, and gathered some which were lost.

Birds seen.

Sixcalia lineata

✓ *Phapitreron leucotis*. - One on River.

✓ *Muscadivores nuchalis*. - This very large Pigeon produces an enormous booming sound.

✓ *Chaleophaps indica*

✓ *Ptilinopus cinereus*. - Abundant on the Lake and Nanjan River.

✓ *Amaurornis phoenicea*. - One seen.

✓ *Porphyrio pulverulentus*. - Gull. Wood shot one and my native Liciano boy shot one. Found on Nanjan Lake and River. A very noisy bird that usually keeps out of sight in the tall grass.

✓ *Hydrophasianus chirurgus*. - Flocks of these beautiful birds disported themselves on the beds of floating lotus leaves. They would fly about uttering cries resembling the mewling of a house cat.

✓ *Pyrrhoderia manillensis*. - Very abundant of Lake Nanjan & the Nanjan River.

✓ *Mesophoxys intermedia*. - This bird, which can be recognized by the color of its bill and feet, was seen in small numbers on Nanjan Lake.

✓ *Nycticorax manillensis*. - Flocks were flushed from trees beside the Nanjan River.

Butorides javanica. } These
Butorides amurensis } two birds
were abundant on Nanjan Lake
and River. The latter could
be easily identified in flight by
its larger size.

✓ Ardetta sinensis. - Abundant
on Nanjan Lake.

✓ Ardetta cinnamomea. - A few
on Nanjan Lake and River.

✓ Dendrocygna arcuata. - 21 were
brought in from Lake Nanjan.

✓ Ardea melanogaster. - Very
abundant at Nanjan Lake & River.
Its habits are like the American
species in Florida. It utters
a rough note, rarely, during
flights. A number were shot.

✓ Spilornis holospilus. - One shot. ♀

✓ Haliaeetus intermedius. - Abundant
on the Nanjan River and Lake.

✓ Elaanus hypoleucus. - General.

Wood shot one; and I afterwards
saw another of this Kite.
✓ Polioaetus ichthyaeus. - I saw
one on the Nanjan River very near
Lake Nanjan.

✓ Otus _____ . - One of these
Owls was heard as we paddled
down the Nanjan River by moonlight.

✓ Zanygnathus _____ . - Many
were seen along Nanjan River.

✓ Loriculus mindorensis. - Very
common in the coconut groves
near the coast and town of Nanjan.

✓ Eurystomus orientalis. - Abundant.

✓ Ptilargopsis gouldi. - Common
on the Nanjan River. Two shot.
Its note is very loud. Its A

wounded one put up a good
and clever fight in the water.

✓ Alcedo bengalensis. - Abundant
Its note suggests that of Loriculus.

✓ Alcyon cyanopterus. - Three shot.
It seldom sat in the open but

usually flew out from a series of branches at the side of the Nanjan River. It is in such deep shadow that I had much difficulty in seeing them, even when I knew the spot where one had flown. They were not shy, but sought concealment in the deep shadow. A female sat behind some vines and continually dipped down to the surface ^{beneath it} and back to the concealed perch with the effect of a trout jumping. Her movement was so swift that the eye could scarce follow it.

Halcyon gularis. - Very numerous on the Nanjan River. Its terrible cries were heard during the night as we paddled down the stream.

Merops americanus. - Abundant on the Nanjan River.

✓ Salangana (marginata?) was common on the Nanjan River.

✓ Eudynamis mindanensis. - Abundant ^{very at night.}

✓ Centropus mindorensis. - Some were seen on the Nanjan River banks.

✓ Xantholaema haematocephalum. - Very abundant. One shot.

✓ Yungipicus validirostris. - One shot on the Nanjan River.

✓ Herindo-gularis. - Flocks were continually crossing Lake Nanjan from south to north.

✓ Hypothymis occipitalis. - Common in trees bordering the Nanjan River. I shot a female.

✓ Iole mindorensis. - Common. ^{night.} Sang at night.

✓ Pycnonotus goiavier. - Abundant.

✓ Acrocephalus orientalis. - " on Lake Nanjan.

✓ Leisticola exilis. - Several were seen on the Nanjan River.

✓ Megalurus palustris. - Abundant in openings bordering Nanjan R.

✓ Artamus leucorhynchus. - Abundant.

✓ Alcedo lucionensis. - "

Leucophaea jugularis. - Abundant.

Motacilla melanope. - "

Budytes leucostriatus. - "

Actitis hypoleucos. - "

Mirafra philippinensis. - Several.

Munia pagoni. - Flocks.

Prioniturus chinensis. - Very abundant.

Lophoceros calvus. - "

Lamprocorax panayensis. - "

Corone philippina. - Very numerous on Nauyan Lake and River. I saw many flying with fresh-water shells in their bills.

Scorvus pusillus. - It has a very loud, rough croak. Many were seen and two shot on the Nauyan River. It was just entering Manila Bay.

March 26, 1907.

Left Nauyan at 2 A.M. and steamed to Bulalacao Mindoro. In the afternoon steamed 30 miles up the east

coast of Mindoro to the native village of Magbayan(?) to make inquiry about Tamaran shooting. Were told that there were none near that town but that they came into the ^{low} Paclasan to feed at night - 7 miles. Then steamed for Legaspi, Luzon.

March 27, 1907.

- ✓ Passed through San Bernardino Strait, where numbers of small white terns were flying about the shores of small, rocky islands containing many caves.
- ✓ *Haliaeetus leucogaster*. - one.
- ✓ *Halco* *peregrinus*. - two.
- ✓ *Haliaeetus leucogaster*.

March 26, 1907.

At Legaspi, Bulacan.

Left Legaspi at 8:00 a.m. and went up to the
mountain. I remained at the
base of the mountain and
observed the birds. Haliastur inter-
medius singing about wharves
at Legaspi: -

- ✓ Munia fasciata
- ✓ Hirundo javanica
- ✓ Otonotus lucionensis
- ✓ Budytes leucostriatus
- ✓ Anthus rufulus
- ✓ Pratincola caprata
- ✓ Artamus leucorhynchus
- ✓ Pycnonotus goiavier

✓ In the afternoon rode to about
2500 feet on Mt. Mayon. Small
Bats, seen at twilight, returning,
were the only mammals observed.
Saw some huge dead land snails.
Birds: Cercalifactoria lineata. - Two
at 2000 feet.

✓ Gallus gallus. - Abundant; cocks crowing

- ✓ Phapitreron leucotis. - One at 2000
- ✓ Macroptegia tenuirostris. - Abundant
as high as we went (2500 feet).
- ✓ Amaurornis olivacea. - One at 1500 ft.
- ✓ Bubulcus coromandus. - At base
- ✓ Ardetta cinnamomea "
- ✓ Larus melanoleucus. - Two 2500 ft.
- ✓ Haliastur intermedius
- ✓ Holcyon chloris. - Streams at base
- ✓ Euprimulgas sp.
- ✓ Eudynamis mindanensis. - Abun-
-dant up to 1500 feet.
- ✓ Centropus viridis. - do
- ✓ Hirundo gutturalis. Abundant
from 1000 to 2000 feet.
- ✓ Hirundo strolata. - Flock at 2500
- ✓ Pericrocotus _____. - One at
1500 feet.
- ✓ Lalage rugier. - Common up to 2500 ft.
- ✓ Zole philippinensis. - Singing at
2500 feet.
- ✓ Pycnonotus goiavier. - Abundant.
- ✓ Pratincola caprata. - Abundant up
to 2500 feet. Flies up in the air and sang.

- Leptocola exilis. - In cagon to 2000 ft.
Megalurus palustris. - At base.
Artamus leucorhynchus. - Everywhere.
Alcedo lucionensis. - Up to 2000 ft.
Lanius sperata. - Up to 1000 feet.
 in coconut-trees.
Budytes leucostriatus. - Up to 2000 feet.
Anthus sp.. - Flew off from
 the cagon at 2000 feet.

- Anthus rufulus. - Abundant.
Micropus philippinus. - Everywhere
 in grassy openings.
Merula jayoni. - Abundant at base.
Oriolus chinensis. - Up to 2500 ft.
Corone philippina. - Common to 2500 ft.

March 29, 1907.

- Landed at Sabaco at 8 A.M.
 Birds: Two Sparrows brought in
 ✓ a number of Muscadivora aculeata
 ✓ and one Spilornis holospilus.
 ✓ Saw Haliaeetus intermedius,
 ✓ Halcyon chloris. - One sat on a
 ✓ big cross in the church yard.

- Merula jayonica. - Perhaps a
 score of occupied nests in the
 ✓ big church.
 ✓ Salago niger
 ✓ Pycnonotus goiavier
 ✓ Alcedo lucionensis
 ✓ Oriolus chinensis
 ✓ Corone philippina
 ✓ Small Bats, like those
 ✓ collected at Macabon, near
 ✓ Manila were hanging by scores
 ✓ in the big church.

March 30, 1907.

- Landed at Lucina at 2 P.M.
 and remained 3 hours. Saw:-
 ✓ Actitis hypoleucos. - One.
 ✓ Herodias timoriensis. - Four
 at mouth of river; one other
 flying out to sea.
 ✓ Haliaeetus leucogaster. - One.
 ✓ Haliaeetus intermedius. - Abundant.
 One was chased and buffeted
 by two crows.



Pandion haliaetus. - One. It
divided into a fish trap and got a fish.
Loriculus philippinensis. - Abun-
-dant in the enormous groves of
cocoanut.

Halcyon chloris. - Abundant.

Hirundo ^{javanica} gutturalis. - Abundant.

Breeding in the houses.

Rhipidura nigritorquis. - One.

Pyrenonotus goiavier. - Abundant.

Pratincola caprata. - Common

Megalurus palustris. - One in the post.

Artamus leucorhynchus.

Gloruela lucionensis

✓ Large Sunbird, with dark green back.

✓ Anthus refulus. - Abundant.

- Passer montanus. - "

✓ Oriolus chinensis. - "

✓ Corone philippinus. - "

✓ The Sergeant in charge of the
launch Shakane, which took
us up to the post of Camp Wilhelm,
showed me the dry skin of a

Crocodile which he had shot
2 months ago. The skin had
been cut off behind the head and
shrunk as it was measured
17 feet in length in the median
line. When fresh the reptile
~~was~~ measured, according to the
Sergeant, just 21 feet in length.
Another crocodile of 12 feet had
just been shot in the river.

Woodruff, packer rode
with Gull. Wood from
Manzanilla to San Luis.

Icarus if not used would
make a good generic name
for birds, bats, or flying fishes.
Look it up in mythology.

✓ Description of a nest and Egg.

On June 5, 1907, when descending
Mt. Mayon, at 3500 feet altitude, I
found this nest but did not
see the birds:—

Egg elongate oval 22x14.5 mm.
Color plain olive-brown except
a blotch of purplish brown 11 mm.
in diameter which occupies the center
of the great end.

Nest seg. sent to 14.2 mm.

Birds collected.

- 15058 *Alcedo cyaneolentus* ♂ ad.
 15059 *Alcedo* " ♂ ad.
 15060 " " ♀ ad.
 15061 *Myzopicus validirostris* ♀ ad.
 15062 *Corvus ^{pusillus} ~~mauritanicus~~* ♂ ad.
 15063 " *pusillus* ♀ ad.
 15064 *Amamornis phoenicurus* ♀ ad.
 15065 *Pelargopsis gouldi* ♀ ad.
 15066 *Porphyrio porphyrio* ♀ ad.
 15067 *Nycticorax manillensis* ♀ ad.
 15068 " " ♀ ad.
 15069 *Spilornis holospilus* ♀ ad.
 15070 *Anhinga melanogaster* ♀ ad.
 15071 " " ♀ ad.
 15072 *Hypothymis occipitalis* ♀ ad.

W. H. Mearns
 and Beale, Dec. 11, 1891, p. 511, fig. 2.

W. H. Mearns - 1891. Yuma Id.
 Carpenter: 1 Rooster

2 Owls

3 *Aegialitis*

1 Fruit Thrush

2 Seabirds

1 *Oculopus* *gambica*

By the Kid:

Nothing = 0.

Dr. H. Mearns:

3 hens + 1 cock.

3 *Muscadivora occipitalis*

1 *Megapodius cumingi*

1 *Turtur dussumieri*

Dr. Mearns

1 Warbler

2 *Eudynamis frater* ♂♂

3 *Hypopetes fugens*

Sciuro

1 *Haleyon chlonis*

1 *Muscadivora occipitalis*

W. Indg &

2 *Oriolus chinensis*

2 *Muscadivora occipitalis*

1 *Amurden sumneri*

Port. West:

1 *Megapodius cumingi*

4 *Salus cunus* 3♀/1♂

1 *Amurden orientalis*

[Capt. Derry saw in
Alauda orientalis]

1 *Hypochelidon jugensis*

8 *Muscadivora occipitalis*

General Wood:

6 *Muscadivora*

6 *Juste Doves*

2 *Choncopterus*

2 *Hans*

2 *Megapodius*

Capt. Crosby:

2 *Muscadivora*

1 *Hunt Thrush* *Hypochelidon*

1 *Testa*

Trip to ...
...
...
...
...

Trip to the ...
and ...

May 19 - June 1, 1907

Padre Martin our guide
Trip to Batanes occupied from
May 24 (Manila) to June 7 (Manila), 1907.
Lili (town) Pili (hot springs). June 23

In the Batanes group we
landed on Batan, at
Santo Domingo de Basco.
We also tried to land at
Itbayat.

The Batanes Ids. are situated
between the $128^{\circ}56'30''$ East longi-
tude, San Fernando Meridian,
and between the $19^{\circ}57'30''$ and
 $20^{\circ}28'30''$ North latitude. They
are at 110 miles distance from the
Babuyan islands, 55 from
the Island of Formosa and
175 from the North coast of the
island of Luzon.

"Dry or hot season is from May to
August, and the coldest season
from November to December and
January."

"Batan Island is $9\frac{1}{2}$ miles long.
N. 35° E. and S. 35° W., and $1\frac{1}{3}$
miles broad."

"Mount Irada, apparently an old
volcano, in its northern part, is

3,806 feet above the sea, and thickly covered with trees; the rest of island is mountainous. There is a high ~~to~~ pinnacle rock about half a mile north-eastward of the island.

"Batan Island is about 200 Kilometers long from North to South and about 4 Kilometers wide from East to West."

"To the North of Batan Island at a distance of about 20 miles, is the most important island of the group called Mayat which is also the most fertile and half again as large as Batan."

"At 12.45 o'clock P.M., the Island of Tuga was passed. - Latitude 18 degrees, 50' N.; Longitude 127 degrees, 20' E. This island rises about ⁴⁰⁰ feet above tide water, and is hilly and mountainous in character. It is approximately 10 miles long and 2 miles wide."

June 3, 1907. - Arrived at Yabaco before noon. Arranged to ascend Mt. Mayon June ⁴ 5 and ⁵ 6. On the afternoon of June 3 I steamed to the town of Tibi, whence we walked a mile or two inland to the hot springs of Pili. On this trip plants & a few shells were gathered.

- Birds seen: *Excalfactoria leucata*
✓ *Comotheron vernans*
✓ *Muscadivora tenebra*
✓ *Macropygia tenuirostris*
✓ *Streptopelia dussumieri*
✓ *Ptilinopus cinereus*
✓ *Gallicrex cinerea*
✓ *Pyrrhuloxia manillensis*
✓ *Bubulcus coromandus*
✓ ~~*Streptopelia*~~ *saeva*
✓ *Ardea melanogaster* - at ² Tibi
✓ *Haliaeetus leucogaster*
✓ *Haliastur intermedius*
✓ *Loriculus philippensis*
✓ *Eurystomus orientalis*
✓ *Epilornis holospilus*

- ✓ *Halcyon chloris*. - Tibi
- ✓ *Merops americanus*
- ✓ *Collocalia whiteheadi*
- ✓ " *fuciphaga*
- ✓ *Salangana*
- ✓ *Leptococcyx gigantea*. - One.
- ✓ *Cacomantis merulinus*
- ✓ *Eudynamis mindanensis*
- ✓ *Centropus viridis*
- ✓ *Herundo javanica*
- ✓ *Spizidura nigritorquis*
- ✓ *Lalage niger*
- ✓ *Iole philippensis*
- ✓ *Pycnonotus goiavier*
- ✓ *Pratincola caprata*
- ✓ *Orthotomus*
- ✓ *Acridoceros*
- ✓ *Megalurus palustris*
- ✓ *Artamus leucorhynchus*
- ✓ *Chondestes lucionensis*
- ✓ *Dicaeum*
- ✓ *Leucopygia pectoralis*
- ✓ (red breast) *sperata*
- ✓ *Anthracoceros griseigularis*

- ✓ *Anthus rufulus*
- ✓ *Munia jagori*
- ✓ *Oriolus chinensis*
- ✓ *Lamprocorax panayensis*
- ✓ *Corone philippina*

June 4 and 5, 1907. - Ascended Mt. Mayon. Left Tabaco at 10:30 a.m. with Padre ^(Brother) (Capuchin) Martini + another Prior. Camped above timber-line in cane-grass at 4000 feet. Left camp June 5 at 4:35 a.m. Mr. Carpenter + I reached rim of crater at 8:15 a.m. Returned to camp at 12:15 P.M. Reached ship at dark. Birds seen.

- ✓ No bird seen above the zone
- ✓ of grass (6200 feet).
- ✓ *Excoecactoria lineata*. - 1 shot
- ✓ *Gallus gallus*.
- ✓ *Asio otus* vernans. - Few in timber zone.
- ✓ *Macropygia tenuirostris*. - Common
- ✓ Coming landly up to upper timber line.

Streptopelia dussumieri
~~*Chalcophaps indica*~~
Oryzophodius ~~*gambelii*~~ *gambelii*

Critical notes.

Two females of *Cinneryia whiteheadi* from Huga have smaller bills than those of 5 females from Calayan. In the length measurement amounts to 1 mm. difference. In color they are alike.

Two adult males from Casiguran, E. coast of Luzon differ from a large series of adult males collected by Mr. McEgor in Calayan in having ^{the crissum} yellow-green instead of black ^{the feathers} faintly edged with yellow-green in Calayan skins. Top of head with gold and violet instead of (principally) green reflections. Rump and ^{upper} ~~under~~ tail-coverts all metallic green instead of violet-purple.

A skin from Jala Jala, Rizal, Luzon agrees with east coast Luzon pair. The bill of Calayan skin (culmen) averages 16 mm, that of Casiguran 14. The Calayan Id. form is undescribed.

✓ Swifts. - Compare Capselas
✓ Chaetura dubia Mc Gregor from
Mindoro with Chaetura celebensis
✓ from Basilan in USNM.

Under Collocalia unicolor
amelis (Proc. Acad. Nat. Sci., Phila., 1896,
p. 194, Oberholser says: "Aside from
the above [localities], Collocalia u. amelis
is not at present certainly known ^{except}
from the Island of Guam, where taken
by Dr. E. A. Mearns, July 20, 1905, and
from the Philippine archipelago, where
it has been obtained on the Islands of
Luzon, Verde, Cagayanillo, Sibuyan,
Panay, Mindoro, Mindanao, and Palawan."

In table of measurements Oberholser men-
-tions a specimen from "Mindanao", ^{P.O.} Nov. 28,
1887. ✓ Type locality Insan, Benguet, May 19.

✓ Collocalia whiteheadi, Oberholser
states: "Geographical distribution. - Islands
of Luzon and Palawan, Philippine Islands."

Under Collocalia francica germani
Austalet ^{p. 201}, Oberholser says: (p. 202),
"A series of birds from Trong, Lower
Siam, another from the Philippine
archipelago seem to be identical, and
together are certainly all referable to
this race, although a few of those
from Cagayan Sulu, in the south-
-western Philippines, are more
blackish above and show in this,
but not in size, some vergence
toward Collocalia francica terre-
-stris. There are examples
in the United States National Museum
from the following of the Philippines:
Panay; Cagayan Sulu; and
Cagayanillo, in the Cagayanes
group. It has also been recorded
as Collocalia francica from Cuyo,
Negros and Calamianes. All
Philippine records of both francica
and inexpectata refer of course
to germani." (Oberholser.)

Under Collocalia fuciphaga fuciphaga (Thunberg), Oberholser says (pp. 185-187): --
"Type locality. - Java."

"A single specimen from Guam Island is, however, much more brownish above than any of the others examined, and may represent an undescribed race."

In tabulated measurements, p. 187, specimens from Mercedes, Mindanao, Dec. 19, 1903 and Pantar, Mindanao, Aug. 13, 1903, are mentioned. These I doubtless collected.

Under Collocalia lowi (Sharpe):
"Type locality. - Labuan Island, northern Borneo."

This probably what I saw at Sandakan. Oberholser gives Palawan Island in its distribution. No other Philippine Id.

Collocalia origensis Oberholser (p. 191) was based on 4 adults and one nestling that I collected on Mt. Apo at 4000 feet.

"Type, adult male, No. 192, 162 U.S. N.M.; Mount Apo, 4000 feet, Mindanao, Philippine Islands, July 4, 1904; Dr. E. A. Mearns."

Collocalia broglodytes Gray
"Geographical distribution. - Philippine Islands."

Collocalia marginata Salvadori.
"Type locality. - Cebu Island, Philippine Islands."
"Geographic distribution. - " " "

"Up to the present time it has been ascertained to occur on the following islands: Cebu, Masbate, Luzon (Mc Gregor), Mindoro, Calayan, and Sibuyan."

Collocalia linchi isonota Oberholser
Type locality. - Irian, Benguet, Luzon, P.I.

"This form of Collocalia linchi

appears to be confined to the
Philippine archipelago, and has
been taken on only Luzon, Mindoro,
Mindanao, and Bongao.

Abornis olivacea Mosley.

The birds that I have been
calling Acanthopneuste, with
yellow-striped underparts and
gray-striped crowns — the breeding
bird from Pantar and Malindang —
are probably this species. Compare.
McGregor has them so labelled from
Bohol and Basilan.

Wt. Wagon from Luzon

May 19 and 20, 1907.
~~Mr. Carpenter and I~~
Rode from Camp John
Hay, Baguio, Benguet to
Camp Wallace, La Union.

Left Camp John Hay at
9 A.M. May 19 and rode to
the river at the foot of the
hill, between Sublaan and
Magillian, ~~the~~ arriving
at 5:45 P.M. Three soldiers
and 2 packers were awaiting
our arrival; and we slept
in an unfinished shed. The
weather was fine until
noon when a succession
of thunder showers filled
the hollows and trail with
water. The bridges were poor
and three were broken through
by our ^{two} pack mules. The 2
packers were inexperienced
elisted men; but no damage

was done beyond a slight cut on the flank of one mule. The mules that were ridden by Mr. Carpenter and myself were good saddle animals, and gave no trouble.

On May 20th we rode in to Camp Wallace on good Cavalry horses, in 4 hours.

The only mammals seen were a cow and 3 pigs that crossed the road near us, a short distance below Sublaan.

Birds seen:-

✓ Streptopelia dussumieri. - A few below Nagillian.

✓ Geopelia striata. - First seen at Nagillian.

✓ Pyrroherodias manillensis. - Several seen from our camp on the Nagillian River to the coast.

✓ Anas luzonensis. - Flock at our camp at the river, above

Nagillian.

✓ Spilornis holospilus. - A studier fired twice at one just below our camp on the Nagillian River.

✓ Haliastur intermedius. - Every-where. A crow chased one on wing as we rode up the beach near Camp Wallace.

✓ Loriculus philippinus. - Several were seen both between Nagillian.

✓ Halcyon gularis. - Common - were seen from Sublaan to near the coast.

✓ Halcyon chloris. - Abundant along the beach from Southern - do to Camp Wallace.

✓ Hydrocorax hydrocorax. - First heard at lower border of pine forest above Sublaan. Some seen at Sublaan.

✓ Merops philippinus. - Some seen at camp on Nagillian R.

Sittlerops americanus. - One
flock at Nagillian.

Alangana marginata } Common
" " *linchi* } above
Sublaan.

Alcedo alba whiteheadi. - Very
abundant about the divide
near Baguio, and some down
to Sublaan.

Eudynamis mindanensis. - One
male above camp on Nagillian River.

Leucophaea jamaicensis? } The same as
Leucophaea viridis } of the
higher region were the same
as the specimens collected at
Baguio; but those below
Sublaan were *L. viridis*.

Merula gambelii. - Seen at
Baguio, thence to Sublaan;
on the Nagillian R. and
at Nagillian, and a few
thence to the coast.

Rhipidura nigritorquax. - Everywhere
in bamboo from Nagillian to coast.

✓ *Alcedo alba*. - Nagillian R.
and Nagillian pueblo.

✓ *Alcedo philippinensis*. - Heard and
seen at numerous places from
Baguio to the coast.

✓ *Alcedo alba goiavier*. - From
camp on Nagillian R. to the coast.

✓ *Alcedo alba whiteheadi*. - Like
the crossbill, its range appears
to be limited to the divide.

✓ *Petrochelidon macroura*. - One seen
near Baguio, on Sublaan trail.

✓ *Petrochelidon capitata*. - Abundant
from Baguio to the coast.
Singing sweetly. Families.

✓ *Orthotomus chloronotus*. - From
Sublaan to the coast.

✓ *Orthotomus*. - From
Baguio to Nagillian.

✓ *Orthotomus palustris*. - From
Baguio to the coast. Abundant.

✓ *Orthotomus lineorufus*. - do
✓ *Orthotomus lineorufus*. - From
Baguio to Nagillian.

Platania lucinensis. - Not
numerous. Sublance, Magill's Riv.

Paradiparus elegans. - Common
to the lower river.

Hirundo lunifrons. - Common
throughout the lower river.

Streptopelia dussumieri. -
Common throughout the river.

Streptopelia dussumieri. - Common
to the lower river.

Streptopelia dussumieri. - Common
to the lower river.

Streptopelia dussumieri. - Common
to the lower river.

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to the lower river.

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to the lower river.

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to the lower river.

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to the lower river.

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to the lower river.

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to the lower river.

Streptopelia dussumieri. - Common
to the lower river.

Streptopelia dussumieri. - Common
to the lower river.

✓ White Herons and Gray Herons
had been seen in the rocks
some weeks previously by Mr. J. G.
Grisson.

✓ *Halimastur intermedius*. - Flying
about the grove & near the house.

✓ *Halimastur intermedius*. - *Halimastur*
seen in the grove & near the house.

✓ *Centropus viridis*. - Common.

✓ *Hirundo javanica*. - *Hirundo*
seen in the grove & near the house.

✓ *Rhipidura nigritorquis*. - Common.

✓ *Salago rufus*.

✓ *Prenonchus goiavii*. - One
had a nest in vines of porch. Three
young hatched May 21. Nest
of rubbishy materials, loosely
built, resembling nest of *Zosteria*
viridis. Composition, twigs, plant stems,
bark, horse hair, string grass and
seaweed. The birds were loud,
noisy, and entered the house
whenever no one was in a room.

✓ *Pratincola caprata*. - Common.

✓ *Actinurus leucorhynchus*. - S. Fernando.

✓ *Indipes leucorhynchus*. - One May 20.

✓ *Actinurus leucorhynchus*. - Common.

✓ ? *Fringilla* & *Severat* birds

✓ abundant Sparrows, seen.

✓ *Muscicapa fuscata*. - A few.

✓ *Corone philippina*. - A few.

May 25, 1907. - Mr. Leachman
and I boarded the *Mindanao*
going southward, and sailed
with Mr. Wood's party for Apari.

May 26, 1907. - Awoke at
Iloilo or Tigiton, arriving
at Apari at 2 P.M. A few
seen birds: -

✓ *Puffinus leucocomelas* Common

✓ *Sterna bergii boreotis*. - "

✓ *Hydrochelidon* sp. - One flock.
Off the mouth of the Cagayan R.

at Apari were many *Larus*

ridibundus, *Sterna boreotis*,

Hydrochelidon, *Ducula*, and a
large blue & several small white herons

Anhinga melanogaster
Cnest off Apasi

Arrived at Sto Domingo de Basco,
Island of Balan, early in the
morning and remained until
the following morning. Mr.
Carpenter and I hunted down
the coast to the right and
into neighboring hills during the
morning. Lunched with the Am.

Schoolteacher, Mr.
Edmunds, an Englishman.
During the afternoon I walked
across the Island to visit the
Leper colony. Saw 2 men and
1 woman leper. Mr. Carpenter
hunted towards the Yriaya
Mt. The first bird collected
by an ornithologist on Balan
Island was an *Agialitis*

peroni, shot by Mr. Carpenter.
✓ My 1st bird was *Colicoida*
✓ and in memory, alien words
✓ 3 Swifts, cross-banded to some
✓ ✓ ✓ genus new to the Philippines
✓ Later Mr. McGregor and his
✓ assistant Celestino shot 3
✓ of the new Swifts. On the
✓ following morning he sent
✓ word to the ship that he had
✓ also found a new *Zocephalus*

No mammals were seen.

✓ Saw the following Birds:
Alancheri, ^{new}
Leucotreron, ^{new species?}

iris dark red. Bill yellow with a
spot of red on side of mandible
at base. Feet purplish red, with
purplish brown claws. Eyering
plumbeous. Front half of
head gray-green. Point of
chin black. Plumage of
entire upper parts including
wings and tail grass green
Under tail coverts buff.

Thighs striped like an Asp. treron. Breast with the characteristic generic mark, blackish. Underparts grayish green mixed with whitish in median area.

Two living specimens of this new Pigeon were brought aboard ship in a cage by the 2d officer, who does not want to part with them. Columba griseigularis. - 13 of these beautiful Pigeons were brought aboard alive in cages. Mr. McGregor & I thought they were slightly different from C. griseigularis.

A larger green Pigeon. - Two were seen in a cage, by Mr. Carpenter and others. I sent Sericeo ashore to buy them; but he bought 2 Columbas.

Puffinus leucomelas. - Plenty off shore. It lives the roughest seas.

Tringa acuminata
Egallitis peroni. - One shot by Mr. William Dorr Carpenter.

Totanus? - A wader flew along the shore. It was about the size of Glottis nebularis, but not that or the Redshank.

✓ Gallinago. - Mr. McGregor & Mr. Carpenter saw Simpe.

? Mesophoyx intermedia. - Several white herons seen on rocks along the shore. Supposed to be this species.

Dufetor flavicollis. - Mr. Carpenter shot the only one seen.

Buteo indicus. - Mr. Edmunds told us that, in October, a Hawk answering to this descr. migrates to Balan by thousands.

Haliaeetus leucogaster. - Several seen. Mr. Edmunds says that several pairs nest on a low mountain ridge to the right of the town. (Continued on p. 2.)

Bird I collected.

Camp Watani, Borneo, P. I.

1 *Aegialitis peroni* ♀ juv

2 " " ♂ ad.

3 " " ♀ ad.

4 *Cecropus iridis* ♂ ad.

Batani Id. May 27, 1907.

5 new genus of Swift ♂ ad.

6 *Microspus pacificus* - ad.

7 *Cypselus* do ♂ ad.

8 do ♀ ad.

9 do ♂ ad.

10 do ♂ ad.

11 do ♀ ad.

12 do ♂ ad.

13 do + ad.

14 *Centropus carpenteri* ♂ ad.

15 *Hirundo javanica* ♀ ad.

16 " " ♀ ad.

17 *Zosterops meyeri* ♂ ad.

18 " " ♀ ad.

19 *Anthus rufinus* ? ad.

15177 May 20, 1907.

15178 " 21, 1907.

15179 " 21, 1907.

15180 " 22, 1907.

15181

15182

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15189

Type of *Centropus carpenteri*.

15190

15191

15192

15193

15194

15195

20. *Acaticola exilis* ♂ ad.
 21. " " ♂ ad.
 22. *Hypsipetes fugensis?* ♂ ad.
 23. " do ♂ ad.
 24. " do ♂ ad.
 25. " do ♂ ad.
 26. *Holcyon chloris* ♂ ad.
 27. *Lophophanes* ♀
 28. *Calliope* ♂ ad.
 29. " " nuchalis ♀ ad.
 30. *Muscivora occipitalis* ♂ ad.
 31. Compare with topotype in USNM " ♂ ad.
 32. *Megapodius cumingi* ♂ ad.
 33. Small Warbler ♂ ad.
 34. *Oriolus chinensis* ♀ ad.
 35. " " ♂ ad.
 36. *Geothlypis trichas* ♂ ad.
 37. *Megapodius cumingi* ♂ ad.

15196

15197

15198

Type of *Hypsipetes batanensis*.

15200

15201

15202

15203

15204

770; 77.0; 242; 430; 19; 73; 66;

spur 36; greatest length of comb 81;

greatest height of comb 44.

15205

480; 660; 200; 160; 17; 64; 57.

15206

470; 780; 255; 175; 23; 36; 51

15207

460; 765; 245; 178; 25; 34; 51.

15208

380; 800; 240; 90; 18; 64; 61.

15209

15210 *Loxia ochotensis*

15211

15212

tail-feathers shot off.

15213

- 38 *Hypotaenidia fugensis* ♂ ad.
 39 " " ♂ ad.
 40 " " ♂ im.
 41 " " ♂ im.
 42 *Centropus* " ♂ ad.
 43 *Aegialitis* " ♂ ad.
 44 " " ♂ ad.
 45 *Cinnamomum* " ♀ ad.
 46 *Dendrobium* " ♀ im.
 47 " " ♀ im.
 48 *Corymbium orientale* ♂ ad.
 49 *Mimosa* " ♂ ad.
 50 " *mindanensis* ♂ ad.
 51 *Eudynamis* ~~frater~~ ♂ ad.
 52 " *frater* ♂ ad.
 53 *Centropus viridis* ♂ ad.
 54 *Chalcophaps indica* ♂ ad.
 55 *Halcyon chloris* ♂ ad.
 56 *Certhia chinensis* ♀ im.
 57 *Centropus javanicus* ♂ im.
 Agrees with spec. in Bureau of Science

- 15214
 15215
 15216
 15217
 15218
 15219
 15220
 15221
 15222
 15223 *Cinnamomum whiteheadi*. Not the same
 " 15224
 15225
 15226 Compare with *topolypus*
 15227
 15228
 15229
 15230
 15231
 15232
 15233
 15234 Compare in usnm.
 labelled *javanica*.

June 1, 1907.
58. *Artamus striatus*

59 " " ♂ ad.

60 " " ♀

61 *Aleyone cyanoptera*

62 *Leptocircus luteus* ♂ ad.

63 *Leucopygia whiteheadi* ♂ ad.

64 " " ♂ ad.

65 " " ♂ ad.

66 *Amphispiza bilineata* ♂ ad.

67 " " ♂ ad.

68 *Ibis philippinus*

69 *Pycnonotus goramensis* ♂

70 " " ♂

71 " " ♀

72 " " ♂

73 *Munia jagori* ♂ ad.

74 " " ♂ im.

75 " " ♀ im.

76 " " ♀ im.

77 " " ♀ im.

78 " " ♂ im.

79 " " ♂ im.

Lasiguran, Luzon 15235

15236

15237

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Given to Judge ^{Amasha S.} ~~Terross~~ field. 15240

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- 80 *Cathodarus* *geoffroyi* ♀ ad. 15257
 81 " *geoffroyi* ♂ ad. 15258
 82 *Corone philippina* ♂ ad. 15259
 83 ^{Egretta} *garzetta* garzetta - im. Shot by Carpenter
 84 *Butorides javanica* ♀ ad. 15261
 85 *Pyrroherodias manillensis* ♂ ad. 15262
 86 *Anthus rufulus* ♂ ad. 15263
 87 *Orthotomus calanoculus* ad. 15264
 Compare size of bill with other series

Pili Hot Springs, June 3, 1907.

- 88 *Cisticola exilis* ♀ ad. 15265
 89 *Leacomantis merulinus* ♂ juv. 15266
 90 *Megalurus palustris* ♂ ad. 15267
 91 *Pyrenonotus goiavier* ♀ ad. 15268
 15269

Mount Mayon, June 4, 1907.

- 92 *Dicrurus balicassius* ♂ ad. 15270
Mount Mayon, June 5, 1907.
 93 *Merula mayonensis* ♀ ad. 15271
 94 " " ♂ ad. 15272
 95 " " ♂ im. 15273

- 4 Camp Wallace, Luzon May 22, 1907.
 96 *Centropus viridis* 15180 ♂ ad.

- 97 *Catantopus* ♂ ad. 15269
 98 *Columba*, new species 15274

Type of *Merula mayonensis*.
Columba. - Iris orange-yellow.
 Bare space around eye and
 basal half of bill all round,
 rufous, or purplish red
 terminal half of bill white.
 Feet rufous, claws horn.
 Brought alive from Botani Id.

Mammals collected

- ① 6435 Canis familiaris
- ② 6436 Sus probably wild.
- ③ 6437 Mus deemus ♂ ad.
- ④ 6438 Mus ♂ ad.
- ⑤ 6439 ...
- ⑥ 6440 ... Palawan,
- ⑦ 6441 ... at
- 6442 ...

Camp Wallace, Luzon May 25¹⁹⁰⁷
 Fragment of upper jaw
 Casaguran, C. Luzon.

Aparri, N. Luzon.

Mt. Mayon 4000 ft. June 5, 1907
 Squirrel from Puerto

up outside ... in
 June 7, 1907.

... near ...

Bugio ... 1907 SK. H. K. U. in alcohol

Alcoholics stored
in Bureau of Science
No. June 15, 1907.

90. Skin of very large lizard
from Id. of Salanki, P. I.
91. Small Lizard do.
85. Head of Poisonous Serpent
from same place as No. 90.
Many mollusks, radiates &
crustaceans in same
vessel without numbers. All
from same place as above.
87. Piece of shirasee filled with
mollusks from Cebu Id.
Sept. 1906.
86. Butterfly net filled with
mollusks from Malampaya
sound, Palawan Id., P. I.

Alcoholics from
Mount Halcón, Mindoro.

No. Small Mason jar with
75 insects, mollusks and a
miscellaneous quantity
of fragile things
80. Land shells and 2 packets
(contents not examined),
from Mt. Halcón.

84. Large packet of sea
shells from mouth of
Subaan River, at foot
of Mt. Halcón, Mindoro

~~Notes from Mt. Halcón.
The following had a rag tied
around their feet and came
from last camp, returning
at Mingyan clearing, 12 miles
from Subaan, Mindoro:—~~

✓ 7084 = 6339	♀ ad.
✓ 76 = 6340	♀
✓ 74 = 6341	♀

✓X5 = 6342

✓ = 6343

✓ = 6344

✓X8 = 6345

the [unclear] its [unclear]

82 = perhaps not registered ♂ ad.

at camp on hill ²²⁵⁰ 2300 feet: -

✓ = 6298 ♂ ad.

✓72 = 6299

✓81 = 6300 + ad.

the [unclear] [unclear]: -

✓34 ✓ = 6302. ♀

(in [unclear])

{ 123 = probably not entered ♀
6300 feet altitude

{ Mus [unclear]

{ 122 = probably not entered ♀
6300 feet altitude

{ Mus mindorensis

✓X21 = 6321. ♂

✓ = [unclear]

✓79 = [unclear]

✓120 = [unclear]

[unclear]

[unclear] Mindoro.

111. [unclear]

{ 119 = 14554 ♂ ad.

{ [unclear]

{ 128 = 14556 ♂.

{ Hypo [unclear]

125 = [unclear] for black. species?

117 = "

108 = "

{ 111 = 14496 ♂ ad.

{ Head of *Cnemidophorus griseigularis*

Reptiles [unclear] Batrachians

from Mt. Halcon: -

{ 124 =

{ [unclear] Green Lizard

{ 133 =

{ [unclear] Lizard

{ 127 = [unclear] Lizard

112 =

Poisonous Lizard

118 =

60

129 =

Large Frog.

Small (left) ...
Skull of Rat ...
from 8000 feet on Mt. Halcon.
In alcohol tank No. 6324.

(April 28, 1907.- Attempted
to land on Ibayat Island.
Two sailors got ashore;
but Captain Crosby was
afraid of ^{damaging} the ship's
boats, and General Wood
decided to give up the
attempt at landing the
party, in consequence.

The only land bird
seen on Ibayat Island
was Halcyon chloris.

(Birds of Balan Id. - Continued
from page .)

✓ Halcyon chloris. - A few. One shot
by Mr. Carpenter.

✓ Large Cross-barred Swift. - Very
abundant. Nine shot. Nesting
place not seen.

✓ Centropus aeneus. - I saw
a number of red and brown
Canals. One was very large.

✓ Centropus (all black). - Shot
by Mr. Mc Gregor.

✓ Hirundo javanica. - Abundant.
Breeding in cavernous hollows
along the shore & in houses.

✓ Hirundo striolata. - Abundant.

✓ Zosterops new species. - Mr.
Carpenter shot one but could
not find it; Mr. Mc Gregor got one.

✓ Hypsipetes batanensis. - This
Pink Thrush is abundant
and noisy everywhere.

✓ Leisticola. - Abundant
Dark colored. Several shot.

✓ Zosterops meyeri. - Common.

In low bushes along stream.

Flits about resembling Summer Yellowbird in appearance & habit.

✓ Budytes leucostriatus. - Flocks.

✓ Anthus rufulus. - Abundant.

During the night of May 27-28 we steamed to the Island of Ibayat but could not land! 2 sailors got ashore by swimming.

May 29, arrived at Chari where we remained during the morning. Collected shells.

5 birds seen: ✓ Poliolimnas everetti.

✓ Hydrochelidon sp.

✓ Sterna small white

✓ Sterna b. boreotis

✓ Larus ridibundus. - One.

✓ Small Plover + Sandpipers.

✓ Large blue Herons

✓ Small white Herons

✓ Bubulcus coromandus

✓ Anas luzonica

✓ Androcyya arcuata

✓ Centurus melanogaster

✓ Halimastur leucogaster.

✓ Halimastur intermedius

✓ Halcyon chloris

✓ Hirundo javanica

✓ Rhipidura nigritorquus

✓ Megalurus palustris

✓ Munia jagori

✓ Corone philippina.

²⁹
May 29. - Left Apari at noon and steamed to mouth of

Cabugan R., intending to row up & shoot ducks; but this

scheme was abandoned and we landed on the Island of

Fuga near sundown, leaving May 30 at 1 P.M. for east coast of Luzon.

At Fuga Id. were handsome ruined stone houses & church. A Spanish gentleman owns thousands of cattle & has a nice house in which he entertained

us
✓ The only mammals
seen were Pteropus edulis +
✓ Bus. Said to be no deer.

Birds of Funga Id. - For
game bag list see page
✓ Megapodius cumingi - Very
abundant. Small young
running about. The largest
mound seen was six long
paces from periphery to center
and 3 feet high. Eggs were
sent out to the crew of our ship.
A wounded bird uttered a
whining cry when pursued.
✓ Gallus gallus - Very abundant.
Young chicks with the hens.
Notes when taking flight the
same as those of domestic
cock + hen. Feed largely on
fruits like the Pigeons.
✓ Muscadivora melchalis -
Abundant. 20 shot. Some

✓ One feeding on fruit in
patches of scrub along a few
feet from the ground.
Notes ^{three or more} as deep, hollow, rattle-like
hoots and a guttural growl.
✓ Streptopelia dussumieri - Very
common. Eight were shot.
✓ Actinophaps indica - Common.
One shot by Genl. Wood.
✓ Hypotimidia torquata - Several.
✓ Aegialitis peroni? - Quite common.
Mr. Carpenter shot 3. No
other Ring Plover seen.
✓ Sandpipers size of Totanus
✓ or Stettia were seen. Mr.
✓ Carpenter shot one but did not
✓ find it.
✓ Mesophox intermedia - One
ran in front of me a mile
along the beach. Others seen.
✓ Bubulcus coromandus
A large flock.
✓ Haliastur leucogaster - Several.
Mr. Carpenter shot one.

✓ Vireo japonica. - Four
seen. Two shot. Iris yellow.

✓ Ceryle orientalis.

✓ Haleyon chloris. - Common.

✓ Eudynamis frater. - Abundant

Two males shot. Noisy.

✓ Centropus. - See skins. I may
have both javanica + viridis.
Abundant.

✓ Merula javanica. - Breeding.

✓ Hypsipetes jugensis. - Abundant

Shy. Restless. Sitting on a dry
top of tree, it utters a note like
that of Centropus viridis; suddenly
it takes to flight at the same
time pouring out a flood of
vibrant cries as it curves
about over the tree tops. Later
it may swoop silently upon
a bough close to the ^{high way} ~~trunk~~
upon its domains and eye
him cautiously, suddenly,

✓ to alarmed and fly away
✓ with another succession of
creams. About the houses
they were less shy. We shot 5.

✓ Warbler (No. 1520?). - Common
in the cogon grass near woods.

✓ Leisticola. - Common.

✓ Otomela lucionensis. - Few.

✓ Dicaeum pygmaeum. - "

✓ Timopsis whiteheadi. - Mr. Carpenter
-ter shot two young females.

✓ Anthus ruficollis. -

✓ Munia jayori. - Flocks.

✓ Oriolus chinensis. - Very
abundant. Sweet singer. One
note like Tangnathus's.

✓ Corone philippina. - Abundant.

May 31, 1907. - Awoke
on east coast of Luzon. The
mountains look high with fresh
landslide marks visible. The
only birds up to noon were

✓ Puffinus leucomelas.

(May 31, 1907.)

✓ *Sterna*, small white

✓ *Sterna bergii*

June 1st 1907

landed at Sasiguran at
daybreak & sailed away
about 2 P.M. Went thru the
collecting on shore.

✓ Picked up a few small shells

✓ Wild Hog. The Mammals seen.

✓ *Alcedo*. ✓ *Alcedo* common

✓ *Gallus* gallus - Abundant

✓ *Muscadivores* across

✓ *Streptopelia dussumieri*

✓ *Streptopelia dussumieri*

✓ *Actitodromus*. - Very large
flocks on sand bars and
logs. See specimens

✓ *Numenius variegatus*. - Very
abundant in flocks. Dr. Fraser
shot 3.

✓ *Pyrrochordus manillensis*
Abundant. Dr. Fraser shot one.

✓ *Equus* ...

✓ *Equus* ...

✓ *Equus* ...

✓ *Equus* ...

✓ *Dendrocygna* ... } abundant

✓ *Anas* ... } abundant

✓ *Halcyon* ...

✓ *Halcyon* ...

✓ *Halcyon* ...

✓ *Halcyon* ...

✓ *Halcyon* ...

✓ *Halcyon* ...

✓ *Halcyon* ...

✓ *Halcyon* ...

✓ *Halcyon* ...

✓ *Halcyon* ...

✓ *Halcyon* ...

✓ *Halcyon* ...

Itinerary. May 19 to June 7, 1907.

[General Wood's party left Manila
on U.S.A., Mindanao May 24.]

- Mr. Carpenter & Dr. Mearns left
Baguio, Benguet to join Genl. Wood:
May 19 Left Baguio with pack-animals
" 20 Arrived at Camp Wallace.
" 20-24 At Camp Wallace
" 25 Left Camp W. on U.S.A. Mindanao.
" 26 Arrived at Apari, Luzon.
" 27 " " Sto. Domingo de
Basco, Batan Id.
" 28 Tried to land at Bayat,
returned to Batan.
" 29 Returned to Apari, Luzon.
Steamed to mouth of Abug R.
Landed on Fuga Id.
" 30 Left Fuga Id.
" 31 Off E. coast Luzon. Ar-
rived at Casiguran.
June 1 Landed at Casiguran
and left for Belar

- June
2 Landed for $1\frac{1}{2}$ hours at Belar
3 Landed at Tabaco
Steamed to Libi
Visited hot springs at Pili.
4+5. Ascended Mt. Mayon.
6 At sea
7 Arrived at Manila

~~My Laroc 1~~

~~found 10 Laroc 1 Laroc 2 Laroc 3
had paper tags. But they
were lost. I attached a check
on each on metal tags~~

~~My Laroc 1 Laroc 2 Laroc 3
No. 1 No. 2 No. 3~~

~~6390 3746 ✓ Monkey ♂~~

~~6391 3784 ✓ " ♀~~

~~6397 3732 ✓ " ♂~~

~~6388 3775 ✓ " ♀~~

~~lost 3782 " ♂~~

~~6386 367 ✓ " ♂~~

~~6387 362 ✓ " ♂~~

~~6389 3755 ✓ Civet ♂~~

~~6393 3778 ✓ Monkey ♀~~

~~6392 366 ✓ " ♀~~

~~6385 3771 ✓ " ♀~~

~~lost 3764 " ♀~~

~~lost 3787 " ♀~~

~~My Laroc 1 Laroc 2 Laroc 3~~

~~found 10 Laroc 1 Laroc 2 Laroc 3
had paper tags. But they
were lost. I attached a check
on each on metal tags~~

~~My Laroc 1 Laroc 2 Laroc 3
No. 1 No. 2 No. 3~~

~~6390 3742 ✓~~

~~6391 3719 ✓~~

~~6397 3791~~

~~lost 3782~~

~~6386 367 ✓~~

~~6387 362 ✓~~

~~6389 3755 ✓~~

~~6393 3778 ✓~~

~~6392 366 ✓~~

~~6385 3771 ✓~~

~~lost 3764~~

~~lost 3787~~

Woodring was the packer
who fed me at Sublaan.

Lieut. Arthur L. Williams-
Hoote, Scout (Englishman).

While stationed Picket on the
Rio Grande, 8 Moros were
killed by crocodiles within
one year. One, an old man,
died from the effects of the
bite of a crocodile measuring
less than 5 feet in length, which
tore a large amount of
flesh away from his thigh.

This case was treated by
Dr. Pipes.